CONTENTS OF VOL. IV.

PAGE

NOTES ON THE ARGENTINE REPUBLIC. By Charles Oxland (Illustrated) 1

METEORS AND METEOR SYSTEMS. By W. F. Denning, F.R.A.S., F.M.S. (Illustrated) 13

THE LAW OF ASSOCIATION IN THE ANIMAL KINGDOM. By M. Edm. Perrier 30

THE DINOSAURIA. By Professor H. G. Seeley, F.R.S., F.G.S. (Illustrated) 44

CHAMÆLEONS. By Professor J. Reay Greene, B.A., M.D., F.L.S., &c. (Illustrated) 97

THE NEW CHEMISTRY, A DEVELOPMENT OF THE OLD. By M. M. Pattison Muir, M.A., F.R.S.E. 111

THE CLASSIFICATION OF THE TERTIARY DEPOSITS. By Professor John W. Judd, F.R.S., Sec. G.S. 122

ARTIFICIAL DIAMONDS. By F. W. Rudler, F.R.S. 136

THE THRESHOLD OF EVOLUTION. By Surgeon-Major Wallich, M.D. (Illustrated) 143

FEATHER-STARS, RECENT AND FOSSIL. By P. Herbert Carpenter, M.A., Assistant Master at Eton College. (Illustrated)... ... 193

THE PORTLAND BUILDING STONE. By the Rev. J. F. Blake, M.A., F.G.S. 205

CLIMBING PLANTS. By Francis Darwin, F.L.S. (Illustrated) ... 213

ON THE INFLUENCE WHICH A MOLECULAR MOVEMENT DUE TO ELECTRICITY MAY HAVE EXERTED IN CERTAIN GEOLOGICAL PHENOMENA, namely, the Metamorphism of Rocks and the Formation of Metalliferous Deposits. By Manuel Fernandez de Castro 230

SUNSPOTS AND BRITISH WEATHER. By W. L. Dallas, Meteorological Office 236

THE HARDENING AND TEMPERING OF STEEL... 248

403085

PAGE

INFUSORIA AS PARASITES. By W. Saville Kent, F.L.S., F.R.M.S., &c. (Illustrated) 293

ON THE OPINIONS OF VOLTAIRE AND LAPLACE REGARDING GEOLOGY. By Professor P. Martin Duncan, F.R.S. 310

THE AUGUST METEORS. By W. F. Denning, F.R.A.S. (Illustrated) 322

A LARGE CRATER. By Professor John Milne, F.R.S., Japan ... 336

REVIEWS OF BOOKS 61, 156, 254, 346

SCIENTIFIC SUMMARY:—

Anthropology 357
Astronomy 78, 167, 266, 358
Botany 172, 272, 364
Chemistry... ... ... 83, 172, 273, 365
Geology and Palæontology 86, 176, 275, 368
Mineralogy 91, 182, 277, 370
Physics 91, 184, 281, 373
Zoology 95, 192, 289, 380

INDEX 383